

1 **ABSTRACT**

2 Systems and methods are described for declarative client input security
3 screening. A configuration module in a web-based application (or project) that
4 includes one or more web pages is designed to allow client input to be screened
5 for the web pages by declaring particular screening attributes and actions therein.
6 A global section in such a configuration module includes security screens that
7 apply to input of all types, while other individual sections include security screens
8 that apply only to input of particular type. The global section provides a way to
9 consolidate screening that applies to all client input types, thereby precluding
10 redundant screens having to be maintained in each individual section. Client input
11 that survives the security screening is cached and used in normal page processing.
12 By including the security screens in a declarative section, maintenance is made
13 more efficient and reliable.